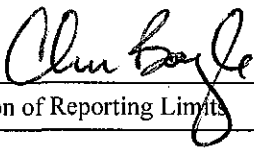


<b>PROJECT NOTE</b>	
Date: August 12, 2015	West Vermont Drinking Water Contamination Site
Name: Chris Boyle Title: Project Manager Firm: Pace Analytical Laboratories, Inc.	
Signature : 	
Subject: Definition of Reporting Limits	
<div style="text-align: center; margin-bottom: 10px;"><b>PROJECT NOTE SUMMARY</b></div> <p>Tetra Tech contacted Pace Analytical Laboratories, Inc. (Pace) to obtain the definition of the reporting limits (RLs) contained in the analytical data packages in References 26, 27, 28, 73, 78, 95, 96, 97, 98, 99, and 106. The analytical packages consist of data provided by Pace, and by Heritage Environmental Services, LLC (Heritage). Heritage has subsequently been purchased by Pace.</p> <p>The analytical data sheets for the Pace data provide "RLs" for the list of analytical parameters for which the samples were analyzed, and the Heritage data sheets provide "Det. Limits" for the list of analytical parameters. What is your laboratory's definition of RL (Pace) or Det. Limit (Heritage)? From the definitions below, which one does your laboratory's definition of RL or Det. Limit most closely represent?</p> <ul style="list-style-type: none"> <li>• <b>Method Detection Limit (MDL)</b> – Lowest concentration of an analyte that a method can detect reliably in either a sample or blank.</li> <li>• <b>Sample Quantitation Limit (SQL)</b> – Quantity of a substance that can be reasonably quantified given the limits of detection for the methods of analysis and sample characteristics that may affect quantitation (for example dilution, concentration, and percent moisture in soils).</li> <li>• <b>Detection Limit (DL)</b> – Lowest amount that can be distinguished from the normal random "noise" of an analytical instrument or method.</li> </ul> <p>Upon investigation into the data packages in question, it was determined that both the RLs reported in the Pace data and the Det. Limits reported in the Heritage data correspond to the SQL definition presented above.</p>	
<div style="text-align: center; margin-bottom: 5px;"><b>RESPONSE REQUIRED</b></div> <p>( x ) None   ( ) Phone Call   ( ) Memo   ( ) Letter   ( ) Report   (x) Attachments</p>	
cc: File ( x ) Project Manager ( ) Principal Investigator ( ) Other (specify)	



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